WEST Search History for Application 10577322

Query	DB	Op.	Plur.	Thes.	Date
(rare earth or sc or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or th or terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\$ium) with (\$cuo4 or cuprate or \$cu3\$66)	EPAB, JPAB, DWPI	ADJ	YES		08-06-2008
(rare earth or sc or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or th or terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\$ium) with (\$mno3 or \$cro3)	EPAB, JPAB, DWPI	ADJ	YES		08-06-2008
(rare earth or sc or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or tho rerbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\$ium) with (mangante or chromate or mn or manganese or cr or chromium) with (perovskite or \$0.3)	EPAB, JPAB, DWPI	ADJ	YES		08-06-2008
(rare earth or sc or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or th or terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\$ium) with (manganate) with (perovskite or \$0.3)	EPAB, JPAB, DWPI	ADJ	YES		08-06-2008
(rare earth or se or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or th or terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lutsi'ium) with (al or aluminate or aluminum) with (perovskite or \$0.3)	EPAB, JPAB, DWPI	ADJ	YES		08-06-2008
(rare earth or sc or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or tb or terbium or dy or	EPAB, JPAB, DWPI	ADJ	YES		08-06-2008

dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\$ium) with \$alo3				
sc\u00e5cuo4 or y\u00e5cuo4 or la\u00e5cuo4 or ce\u00e5cuo4 or pr\u00e5cuo4 or nd\u00e5cuo4 or sm\u00e5cuo4 or sm\u00e5cuo4 or ce\u00e5cuo4 or gd\u00e5cuo4 or tb\u00e5cuo4 or dy\u00e5cuo4 or to\u00e5cuo4 or ce\u00e5cuo4 or m\u00e5cuo4 or m\u00e5cuo4 or or s\u00e5cuo4 or m\u00e5cuo4 or \u00e5cuu5o or \u00e5s\u00e5cuu5o or \u00e5s\u00e5s\u00e5cuu5o or \u00e5s\u00e5s\u00e5cuu5o or \u00e5s\u00e5s\u00e5cuu5o or \u00e5s\u00e5s\u00e5cuu5o or \u00e5s\u00e5s\u00e5cuu5o or \u00e5s\u	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008
sc\$mno3 or y\$mno3 or la\$mno3 or cc\$mno3 or pr\$mno3 or nd\$mno3 or pm\$mno3 or sm\$mno3 or cu\$mno3 or gd\$mno3 or tb\$mno3 or dy\$mno3 or ho\$mno3 or er\$mno3 or tm\$mno3 or y\$mno3 or lu\$mno3 or sc\$cro3 or y\$cro3 or la\$cro3 or cc\$cro3 or pr\$cro3 or nd\$cro3 or pm\$cro3 or m\$cro3 or or br\$cro3 or dy\$cro3 or lu\$cro3 or er\$cro3 or u\$cro3 or dy\$cro3 or lu\$cro3 or er\$cro3 or u\$cro3 or dy\$cro3 or ho\$cro3 or er\$cro3 or tm\$cro3 or th\$cro3 or lu\$cro3	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008
sc\$alo3 or y\$alo3 or la\$alo3 or cc\$alo3 or pr\$alo3 or nd\$alo3 or pm\$alo3 or sm\$alo3 or cu\$alo3 or gd\$alo3 or tb\$alo3 or dy\$alo3 or ho\$alo3 or er\$alo3 or tm\$alo3 or yb\$alo3 or lu\$alo3	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008
((frare earth or sc or scandium or y or ytterium or la or lanthans or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or th or terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lutsium) with (\$cuo4 or cuprate or \$cu3\$o(6)) or (sc\$cuo4 or y\$cuo4 or la\$cuo4 or ce\$cuo4 or pr\$cuo4 or nd\$cuo4 or pm\$cuo4 or sm\$cuo4 or eu\$cuo4 or gd\$cuo4 or tb\$cuo4 or dy\$cuo4 or ho\$cuo4 or er\$cuo4 or m\$cuo6 or \$b\$cuo5 or \$y\$cuo4 or \$sc\$cuo6 or \$y\$cuo5 or \$y\$cuo5 or \$su\$cuo5 or \$pm\$cu50 o	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008
((rare earth or sc or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or tho terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\$ium) with (\$mno3 or \$\$\text{sco3}\$)) or ((rare earth or sc or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or tho terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\$ium) with (mangante	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008

or chromate or mn or manganese or cr or chromium) with (perovskite or \$03)) or ((rare earth or se or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or tho or terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\$ium) with (manganate) with (perovskite or \$03)) or (sc\$mno3 or y\$mno3 or la\$mno3 or ce\$mno3 or pr\$mno3 or mb\$mno3 or tb\$mno3 or dy\$mno3 or tb\$nno3 or tb\$mno3 or tb\$mno3 or tb\$mno3 or pr\$mno3 or pr\$mno3 or pr\$mno3 or mb\$mno3 or mb				
((rare earth or sc or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or th or terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\u00e4\u00fcm\u00e4	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008
((rare earth or sc or scandium or y or ytterium or la or lanthan\$ or ce or cerium or pr or praseodymium or nd or neodymium or pm or promethium or sm or samarium or eu or europium or gd or gadolinium or th or terbium or dy or dysprosium or ho or holmium or er or erbium or tm or thulium or yb or ytterbium or lu or lut\(\frac{5}{2}\) tum or thulium or yb or ytterbium or lu or lut\(\frac{5}{2}\) tum or hoseod or custoud or pr\(\frac{5}{2}\) coud or rd\(\frac{5}{2}\) coud or pr\(\frac{5}{2}\) coud or dy\(\frac{5}{2}\) coud or pr\(\frac{5}{2}\) coud or dy\(\frac{5}{2}\) coud or or u\(\frac{5}{2}\) coud or th\(\frac{5}{2}\) coud or th\(\frac{5}{2}\) coud or th\(\frac{5}{2}\) coud or s\(\frac{5}{2}\) coud or s\(\frac{5}{2}\) coud or \(\frac{5}{2}\) coud or \(\frac{5}{2}\) coud or \(\frac{5}{2}\) s\(\frac{5}{2}\) coud or \(\frac{5}{2}\) coud o	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008
(\$mno?sub.3 or \$cro?sub.3) with (el.u/c, or electroluminesc\$)	PGPB, USPT	ADJ	YES	08-06-2008

(\$mno?sub.3 or \$cro?sub.3) and (el.u/c, or electroluminesc\$)	PGPB, USPT	ADJ	YES	08-06-2008
(\$cuo?sub.4 or \$cu?sub.3O.sub.6 or (\$cu?sub.3 o?sub.6)) and (el.u/c, or electroluminesc\$)	PGPB, USPT	ADJ	YES	08-06-2008
(\$cuo?sub.4 or \$cu?sub.3O.sub.6 or (\$cu?sub.3 o?sub.6)) and (\$luminesc\$ or phosphor or phosphoresc\$ or fluoresc\$)	PGPB, USPT	ADJ	YES	08-06-2008
\$alo?sub.3 and (el.u/c, or electroluminesc\$)	PGPB, USPT	ADJ	YES	08-06-2008
$\label{eq:constant} $$(($cuo?sub.4\ or\ $cu?sub.3\ O.sub.6\ or\ ($cu?sub.3\ o?sub.6))$ and ($luminesc$ or\ phosphor\ or\ phosphoresc$ or\ fluoresc$)) not\ ($alo?sub.3\ and\ (el.u/c,\ or\ electroluminesc$))$	PGPB, USPT	ADJ	YES	08-06-2008
((\$cuo'sub.4 or \$cu'sub.3O.sub.6 or (\$cu'sub.3 o'sub.6)) and (\$luminesc\$ or phosphor or phosphoresc\$ or fluoresc\$)) not ((\$cuo'sub.4 or \$cu'3sub.3O.sub.6 or (\$cu'sub.3 o'sub.6)) and (el.u/c. or electroluminesc\$))	PGPB, USPT	ADJ	YES	08-06-2008
((\$mno?sub.3 or \$cro?sub.3) and (el.u/c. or electroluminesc\$)) not (((\$cuo?sub.4 or \$cu?sub.3O.sub.6 or (\$cu?sub.3 o?sub.6)) and (\$luminesc\$ or phosphor or phosphoresc\$ or fluoresc\$)) or ((\$cuo?sub.4 or \$cu?sub.3O.sub.6 or (\$cuv?sub.3 ov.3ub.6)) and (el.u/c. or electroluminesc\$)))	PGPB, USPT	ADJ	YES	08-06-2008
(\$alo'sub.3 and (el.u/c. or electroluminesc\$)) not (((\$cuo'sub.4 or \$cu'sub.3O.sub.6 or (\$cu'sub.3 o'sub.6)) and (\$luminesc\$ or phosphor or phosphoresc\$ or fluoresc\$)) or ((\$cuo'sub.4 or \$cu'sub.3O.sub.6 or (\$cuo'sub.4 or \$cu'sub.3O.sub.6 or (\$cu'sub.3 o'sub.6)) and (el.u/c. or electroluminesc\$)) or ((\$mno'sub.3 or \$cro'sub.3) and (el.u/c. or electroluminesc\$)))	PGPB, USPT	ADJ	YES	08-06-2008
(el.u/c, or electrolumines\$) and (\$mg\$alo?sub.3 or \$ca\$alo?sub.3 or \$sr\$alo?sub,3 or \$sba\$alo?sub,3 or \$li\$alo?sub.3 or \$sha\$alo?sub.3 or \$sha\$alo?sub.3 or \$rb\$alo?sub.3 or \$rb\$alo?sub.3 or \$rb\$alo?sub.3 or \$cs\$alo?sub.3	PGPB, USPT	ADJ	YES	08-06-2008
(el.u/c, or electrolumines\$) and (\$mg\$mno?sub.3 or \$ca\$mno?sub.3 or \$r\$mno?sub.3 or \$sha\$mno?sub.3 or \$shsmno?sub.3 or \$shsmno?sub.3 or \$shsmno?sub.3 or \$shsmno?sub.3 or \$shsmno?sub.3 or \$shsmo?sub.3 or \$shsmo?sub.3 or \$shsforo?sub.3 or \$shsforo?sub.3 or \$shsforo?sub.3 or \$sha\$cro?sub.3 or \$shsforo?sub.3 or \$shsforo?	PGPB, USPT	ADJ	YES	08-06-2008
(el.u/c. or electrolumines\$) and (\$ti\$mno?sub.3 or \$v\$mno?sub.3 or \$cr\$mno?sub.3 or \$fe\$mno?sub.3 or \$cs\$mno?sub.3 or \$su\$mno?sub.3 or \$su\$cro?sub.3 or \$v\$cro?sub.3 or \$su\$cro?sub.3 or \$sub.3 or	PGPB, USPT	ADJ	YES	08-06-2008

(el.u/c, or electrolumines\$) and (\$ti\$alo?sub.3 or \$v\$alo?sub.3 or \$cr\$alo?sub.3 or \$mn\$alo?sub.3 or \$fe\$alo?sub.3 or \$so\$alo?sub.3 or \$ni\$alo?sub.3 or \$cu\$alo?sub.3 or \$cu\$alo	PGPB, USPT	ADJ	YES	08-06-2008
((el.u/c. or electrolumines\$) and (\$ti\$alo?sub.3 or \$\\$\sis\alo?sub.3 or \$\\$\csis\alo?sub.3 or \$\\$\csis\alo*sub.3 or \$\\$\alo*s\alo*sub.3 or \$\\$\alo*sub.3 or \$\\$\alo*s\alo*sub.3 or \$\\$\alo*s\alo*sub.3 or \$\\$\alo*s\alo*sub.3 or \$\\$\alo*s\alo*sub.3 or \$\\$\alo*s\alo*sub.3 or \$\\$\al	PGPB, USPT	ADJ	YES	08-06-2008
(el or electrouminesc\$) with ((ba or barium or alkali\$ earth or ca or calcium or sr or strontium or mg or magnesium) adj copper adj oxide)	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008
(el or electro\$1luminesc\$) with ((ba or barium or alkali\$ earth or ca or calcium or sr or strontium or mg or magnesium) adj copper adj oxide)	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008
(el.u/c. or electro\$lluminesc\$) with ((ba or barium or alkali\$ earth or ca or calcium or sr or strontium or mg or magnesium) adj copper adj oxide)	PGPB, USPT	ADJ	YES	08-06-2008
(\$alo?sub.3 and (el.u/c. or electroluminesc\$) not ((\$euo?sub.4 or \$eu?sub.3O.sub.6 or (\$eu?sub.3 o?sub.6)) and (\$luminesc\$ or phosphor or phosphoresc\$ or fluoresc\$) or (\$euo?sub.4 or \$eu?sub.3O.sub.6 or (\$eu?sub.3 o?sub.6)) and (el.u/c. or electroluminesc\$) or (\$mno?sub.3 or \$ero?sub.3) and (el.u/c. or electroluminesc\$) or (\$sub.3 or \$sub.6)) and (el.u/c. or electroluminesc\$) or \$v\$alo?sub.3 or \$ero?sub.3) and (el.u/c. or electroluminesc\$) or \$v\$alo?sub.3 or \$ero\$alo?sub.3 or \$min\$alo?sub.3 or \$fe\$alo?sub.3 or \$sub.3 or \$ero\$alo?sub.3 or \$min\$alo?sub.3 or \$fe\$alo?sub.3 or \$sub.3	PGPB, USPT	ADJ	YES	08-06-2008

\$co\$cro?sub.3 or \$ni\$cro?sub.3 or cu\$cro?sub.3 or \$xz\$cro?sub.3) or (cl.u/c. or electrolumines\$) and (\$mg\$mmo?sub.3 or \$ca\$mmo?sub.3 or \$sr\$mmo?sub.3 or \$ha\$mmo?sub.3 or \$ha\$mmo?sub.3 or \$ha\$mmo?sub.3 or \$ha\$mmo?sub.3 or \$ha\$mmo?sub.3 or \$ha\$mmo?sub.3 or \$ha\$cro?sub.3 or \$ha\$cro.3 or \$h				
((\$mno?sub.3 or \$cro?sub.3) and (cl.u/c. or electroluminesc\$) not ((\$cuo?sub.4 or \$cu?sub.3O.sub.6 or (\$cu?sub.3 or\$ub.6)) and (\$luminesc\$ or phosphor or phosphoresc\$ or fluoresc\$) or (\$cuo?sub.4 or \$cu?sub.3O.sub.6 or (\$cu?sub.3 or \$cu\$b.3O.sub.6 or (\$cu?sub.3 or \$cu\$b.3O.sub.6 or (\$cuv?sub.3 or \$cu\$b.3 or or \$cu\$cutoluminesc\$) not ((el.u/c. or electroluminesc\$) not (\$cl.u/c. or electroluminesc\$) not \$v\$ab.0?sub.3 or \$cs\$ab.0?sub.3 or \$sub.3	PGPB, USPT	ADJ	YES	08-06-2008
(((\$mno'sub.3 or \$cro'sub.3) and (el.u/c. or electroluminese\$) not ((\$cuo'sub.4 or \$cu'sub.3O.sub.6 or (\$cu'sub.3 o'sub.6)) and (\$luminese\$ or phosphor or phosphorese\$ or fluorese\$ of or (\$cu'sub.4 or \$cu'sub.3O.sub.6 or (\$cu'sub.3 o'sub.6)) and (el.u/c. or electroluminese\$) not (el.u/c. or electroluminese\$) not (el.u/c. or electroluminese\$) not (el.u/c. or electrolumines\$) and (\$ti\$alo'sub.3 or \$v\$alo'sub.3 or \$cr\$alo'sub.3 or \$m\$alo'sub.3 or \$fc\$alo'sub.3 or \$m\$alo'sub.3 or \$fc\$alo'sub.3 or \$cu\$alo'sub.3 or \$	PGPB, USPT	ADJ	YES	08-06-2008

\$ti\$cro?sub.3 or \$v\$cro?sub.3 or \$mn\$cro?sub.3 or \$fc\$cro?sub.3 or \$co\$cro?sub.3 or fcl.u/c. or cutcro?sub.3 or \$co\$cro?sub.3 or fcl.u/c. or cutcro?sub.3 or \$xn\$cro?sub.3 or fcl.u/c. or clectrolumines\$) and (\$mg\$mno?sub.3 or \$sca\$mno?sub.3 or \$sr\$mno?sub.3 or \$sk\$mno?sub.3 or \$sh\$mno?sub.3 or \$sh\$mno?sub.3 or \$ssr\$mno?sub.3 or \$sh\$mno?sub.3 or \$sh\$mno?sub.3 or \$sh\$mno?sub.3 or \$sr\$cro?sub.3 or \$sh\$cro?sub.3 or \$sh\$cro?sub.3 or \$sh\$cro?sub.3 or \$sr\$cro?sub.3 or \$sh\$cro?sub.3 or \$sh\$ado?sub.3 or				
(((\$mno?sub.3) or \$cro?sub.3) and (el.u/c. or electroluminesc\$) not ((\$cuo?sub.4) or \$cu?sub.3O.sub.6) or (\$cuo?sub.4) or \$cu?sub.3O.sub.6) or (\$cuo?sub.3O.sub.6) or (\$cuo?sub.4) or \$cu?sub.3O.sub.6 or (\$cu?sub.3O.sub.6) and (el.u/c. or electroluminesc\$)) not (el.u/c. or electroluminesc\$)) not (el.u/c. or electroluminess) and (\$ti\$alo?sub.3 or \$v\$alo?sub.3 or \$cr\$alo?sub.3 or \$mn\$alo?sub.3 or \$v\$alo?sub.3 or \$cs\$alo?sub.3 or \$ni\$alo?sub.3 or \$cs\$alo?sub.3 or \$v\$alo?sub.3	PGPB, USPT	ADJ	YES	08-06-2008

Transfer of the Control of the Contr					
\$cr\$mno?sub.3 or \$fe\$mno?sub.3 or \$co\$mno?sub.3 or					
\$ni\$mno?sub.3 or \$cu\$mno?sub.3 or \$zn\$mno?sub.3 or		l			1
\$ti\$cro?sub.3 or \$v\$cro?sub.3 or \$mn\$cro?sub.3 or		l			1
\$fe\$cro?sub.3 or \$co\$cro?sub.3 or \$ni\$cro?sub.3 or		l			l
cu\$cro?sub.3 or \$zn\$cro?sub.3) or (el.u/c. or		l			1
electrolumines\$) and (\$mg\$mno?sub.3 or \$ca\$mno?sub.3 or		l			1
\$sr\$mno?sub.3 or \$ba\$mno?sub.3 or \$li\$mno?sub.3 or		l			l
\$na\$mno?sub.3 or \$k\$mno?sub.3 or \$rb\$mno?sub.3 or		l			1
\$cs\$mno?sub.3 or \$mg\$cro?sub.3 or \$ca\$cro?sub.3 or		l			l
\$sr\$cro?sub.3 or \$ba\$cro?sub.3 or \$li\$cro?sub.3 or		l			l
\$na\$cro?sub.3 or \$k\$cro?sub.3 or \$rb\$cro?sub.3 or		l			1
\$cs\$cro?sub.3) or (el.u/c. or electrolumines\$) and		l			1
(\$mg\$alo?sub.3 or \$ca\$alo?sub.3 or \$sr\$alo?sub.3 or		l			1
\$ba\$alo?sub.3 or \$li\$alo?sub.3 or \$na\$alo?sub.3 or		l			l
\$k\$alo?sub.3 or \$rb\$alo?sub.3 or \$cs\$alo?sub.3)) or		l			1
(\$alo?sub.3 and (el.u/c. or electroluminesc\$) not		l	l	1	I
((\$cuo?sub.4 or \$cu?sub.3O.sub.6 or (\$cu?sub.3 o?sub.6))		l	l		I
and (\$luminesc\$ or phosphor or phosphoresc\$ or fluoresc\$)		l	l		I
or (\$cuo?sub.4 or \$cu?sub.3O.sub.6 or (\$cu?sub.3 o?sub.6))		l	l	1	I
and (el.u/c. or electroluminesc\$) or (\$mno?sub.3 or		l	l	1	I
\$cro?sub.3) and (el.u/c. or electroluminesc\$)) not (el.u/c. or		l			1
electrolumines\$) and (\$ti\$alo?sub.3 or \$v\$alo?sub.3 or		l			l
\$cr\$alo?sub.3 or \$mn\$alo?sub.3 or \$fe\$alo?sub.3 or		l			1
\$co\$alo?sub.3 or \$ni\$alo?sub.3 or \$cu\$alo?sub.3 or		l			1
\$zn\$alo?sub.3) or (el.u/c. or electrolumines\$) and		l			1
(\$ti\$mno?sub.3 or \$v\$mno?sub.3 or \$cr\$mno?sub.3 or		l			1
\$fe\$mno?sub.3 or \$co\$mno?sub.3 or \$ni\$mno?sub.3 or		l			1
\$cu\$mno?sub.3 or \$zn\$mno?sub.3 or \$ti\$cro?sub.3 or		l			1
\$v\$cro?sub.3 or \$mn\$cro?sub.3 or \$fe\$cro?sub.3 or		l			1
\$co\$cro?sub.3 or \$ni\$cro?sub.3 or cu\$cro?sub.3 or		l			1
\$zn\$cro?sub.3) or (el.u/c. or electrolumines\$) and		l			1
(\$mg\$mno?sub.3 or \$ca\$mno?sub.3 or \$sr\$mno?sub.3 or		l			l
\$ba\$mno?sub.3 or \$li\$mno?sub.3 or \$na\$mno?sub.3 or		l			1
\$k\$mno?sub.3 or \$rb\$mno?sub.3 or \$cs\$mno?sub.3 or		l			1
\$mg\$cro?sub.3 or \$ca\$cro?sub.3 or \$sr\$cro?sub.3 or		l			1
\$ba\$cro?sub.3 or \$li\$cro?sub.3 or \$na\$cro?sub.3 or		l			1
\$k\$cro?sub.3 or \$rb\$cro?sub.3 or \$cs\$cro?sub.3) or (el.u/c.		l			1
or electrolumines\$) and (\$mg\$alo?sub.3 or \$ca\$alo?sub.3 or		l			1
\$sr\$alo?sub.3 or \$ba\$alo?sub.3 or \$li\$alo?sub.3 or		l			1
\$na\$alo?sub.3 or \$k\$alo?sub.3 or \$rb\$alo?sub.3 or		l			1
\$cs\$alo?sub.3)) and ((\$mno?sub.3 or cro?sub.3 or		l	l		I
\$alo?sub.3) with (alkali\$ earth or ca or calcium or ba or		l	l		I
barium or sr or strontium))					
(((\$mno?sub,3 or \$cro?sub,3) and (el.u/c, or	PGPB.	ADJ	YES		08-06-2008
electroluminesc\$) not ((\$cuo?sub.4 or \$cu?sub.3O.sub.6 or	USPT	1	1 . 2.5		00 00-2000
(\$cu?sub.3 o?sub.6)) and (\$luminesc\$ or phosphor or	0011	l	l		I
phosphoresc\$ or fluoresc\$) or (\$cuo?sub.4 or		l	l		I
\$cu?sub.3O.sub.6 or (\$cu?sub.3 o?sub.6)) and (el.u/c. or		l	l		I
electroluminesc\$)) not (el.u/c, or electrolumines\$) and		l	l		I
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((not or not) and ((\$mno?sub.3 or cro?sub.3 or \$alo?sub.3) with (ti or titanium or v or vanadium or cr or chromium or mn or manganese or fe or iron or co or cobalt or ni or nickel or zn! or znic)) and (((\$mno?sub.3 or cro?sub.3 or \$alo?sub.3) with (ti or titanium or v or vanadium or cr or chromium or mn or manganese or fe or iron or co or cobalt or ni or nickel or zn! or zinc)) same (\$luminesc\$ or light\$!emit\$ or (light emiot\$) or phosphor or phosphoresc\$ or fluoresc\$))	EPAB, JPAB, DWPI	ADJ	YES	08-06-2008
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fluoresc\$ or phosphoresc\$))			